INSTRUCTION BOOK FOR

Tensioned Dual Masking Electrol

DA-LITE®

Important Safety Instructions

When using your video equipment, basic safety precautions should always be followed, including the following:

1. Read and understand all instructions before using.
2. Position the cord so that it will not be tripped over, pulled, or contact hot surfaces.
3. If an extension cord is necessary, a cord with a current rating at least equal to that of the appliance should be used. Cords rated for less amperage than the appliance may overheat.
4. To reduce the risk of electric shock, do not disassemble this appliance. Contact an authorized service dealer when repair work is required. Incorrect reassembly can cause electric shock when the appliance is used subsequently.
5. The use of an accessory attachment not recommended by the manufacturer may cause a risk of fire, electric shock, or injury to persons.

Pre-Installation

1. Carefully unpack screen and remove outer wrapping from case.
2. Make sure to recheck measurements of screen location before installation.
3. Remove center support brackets (on 8' and wider screens only), reverse brackets and reinstall flush with the top of the box

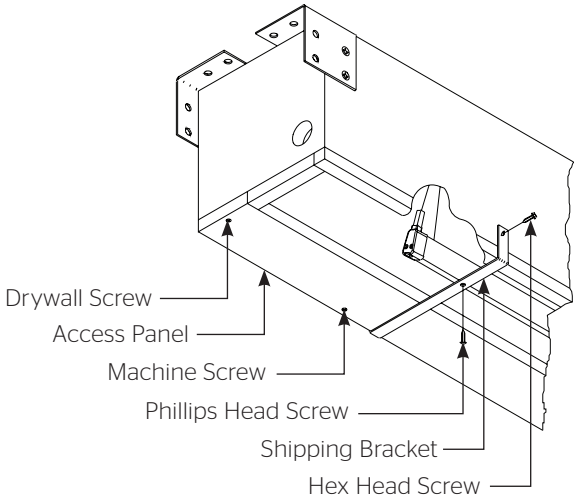


Figure 1

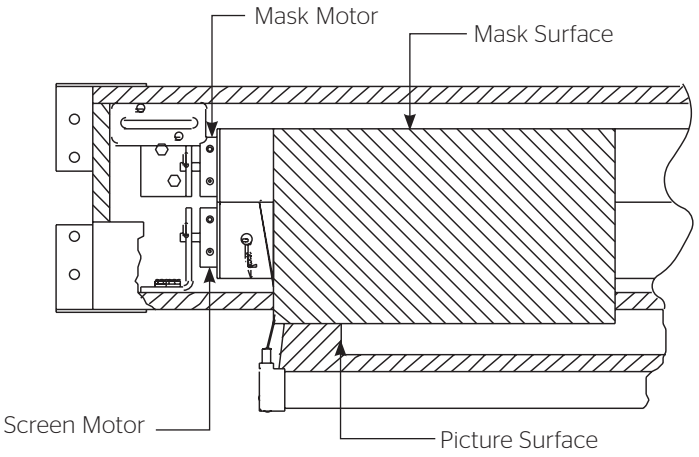


Figure 2

Installation

1. Install screen by raising unit into position between joists at one end only. Install one lag screw in each mounting bracket.
2. Level unit lengthwise with a carpenter's level and plumb level. Secure opposite end.

⚠ **CAUTION! Do not seal in until screen has been secured in position and properly tested for satisfactory operation.**

⚠ **ATTENTION! Ne fixez pas l'écran jusqu'à ce qu'il ait été correctement mis en place et qu'il fonctionne convenablement.**

3. Carefully remove three shipping brackets by removing six hex head screws from case and three phillips head screws from aluminum slat. Use a phillips screwdriver, a hex socket and a ratchet. Slat should move freely (Fig. 1).
4. Detach access panel by removing screws (Fig. 1).
5. Remove junction box cover plate.
6. Install electric hook up that applies to your unit. Make sure to review your electrical installation checklist and wiring diagram (included) for either 120 volt switch, 220/240 volt switch or low voltage control.

   NOTE: Must be installed in accordance with the requirements of the Local Building Codes, the Canadian Electrical Code (CEC), CAN/CSA C22.1 and the National Electric Code (NEC), NFPA 70.

⚠ **CAUTION! Do not cut tape on fabric with a knife or any sharp tool. Remove by hand.**

⚠ **ATTENTION! Ne coupez pas le ruban adhésif sur la toile avec un couteau ou un outil tranchant. Retirez à la main.**

7. Carefully remove two wood boards securing mask surface to case.
8. Use supplied 1/8" nex key and a 5/16" wrench to remove silver shipping brackets attached to slat and screen case.
9. Test installation by carefully running picture and mask surfaces up and down several times. Be prepared to stop screen. Standard Duty Cycle: 1 MIN. ON / 3 MIN. OFF.

   NOTE: When rolled down, the picture surface should wrap fully around the roller. No part of the roller should be exposed. Picture and mask surfaces will automatically stop in the down position.

   The mask will start down off the front of the roller, travel completely down past the bottom of the viewing surface, then "step back" against the viewing surface to eliminate shadowing by rolling up the back side of the roller. Do not adjust the limits to change this feature.
10. Run the picture and mask surfaces upward. When the picture and mask surfaces are fully up the limit switches (in the motors) are tripped and the motors shut off.
11. Check for satisfactory condition by operating screen a few times. Reinstall access panel.

Screen Adjustment

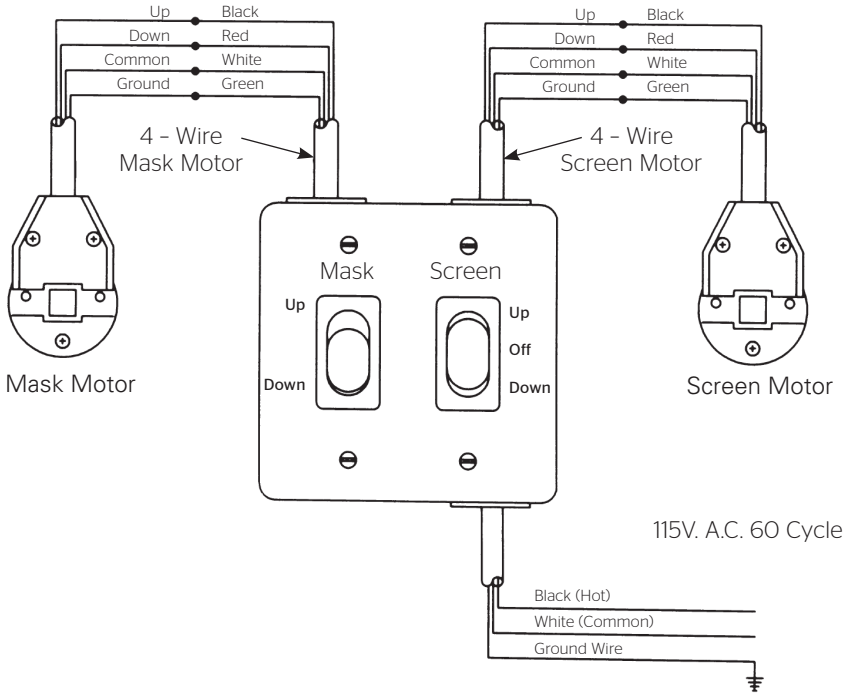
⚠ **CAUTION! The mask should not be field adjusted for more or less drop.**

⚠ **ATTENTION! Le masque ne doit pas être ajusté sur place pour régler la chute.**

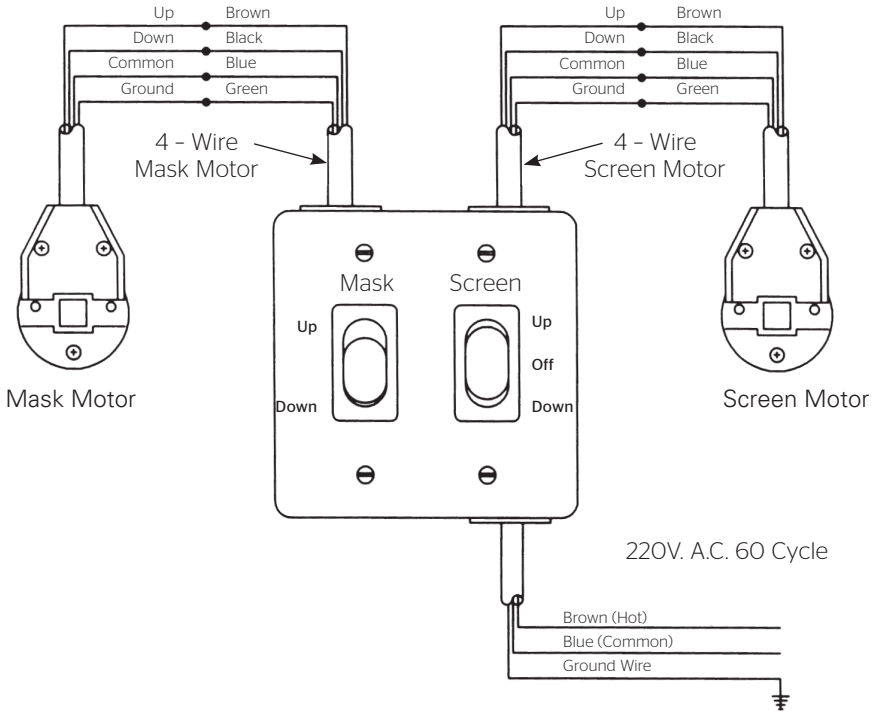
⚠ **CAUTION! Contact Da-Lite at 800-622-3737 or 574-267-8101 if screen motor needs adjustment.**

⚠ **ATTENTION! Contactez Da-Lite au 800-622-3737 ou au 574-267-8101 au cas le moteur de l'écran a besoin d'être ajusté.**

115V Dual Motor Control

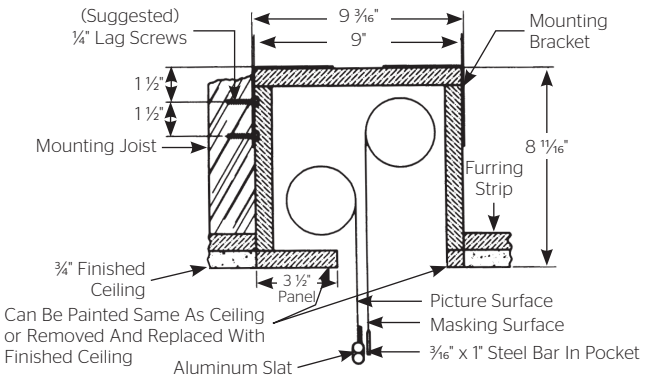


220V Dual Motor Control



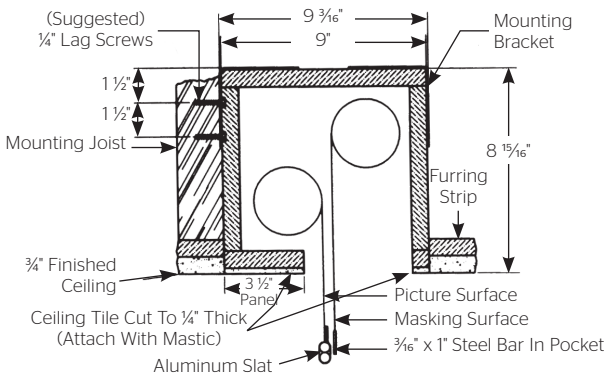
Suggested Methods Of Installation

METHOD A



Offset mounting, recessed above ceiling. For plaster, dry wall, tile or paneling. Bottom of case painted same finish as ceiling.

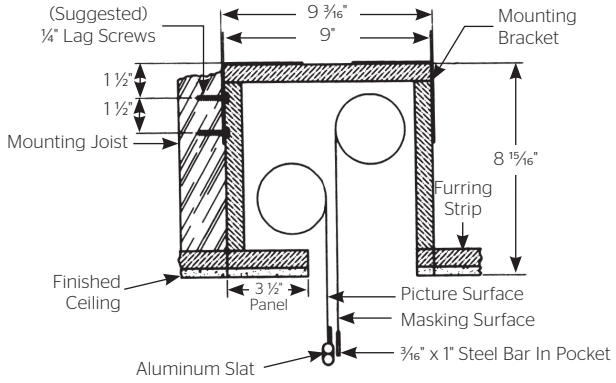
METHOD B



Offset mounting, recessed above ceiling. May be adapted for 3/4" ceiling, but cut to 1/4" thick under screen case and panel.

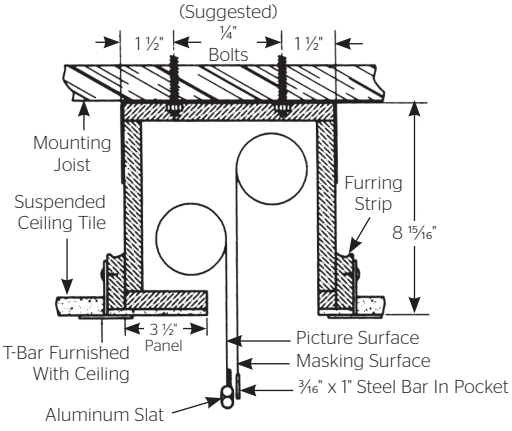
NOTE: Must mark hole location of screws in 3-1/2" panel for removal, if covering with tile.

METHOD C



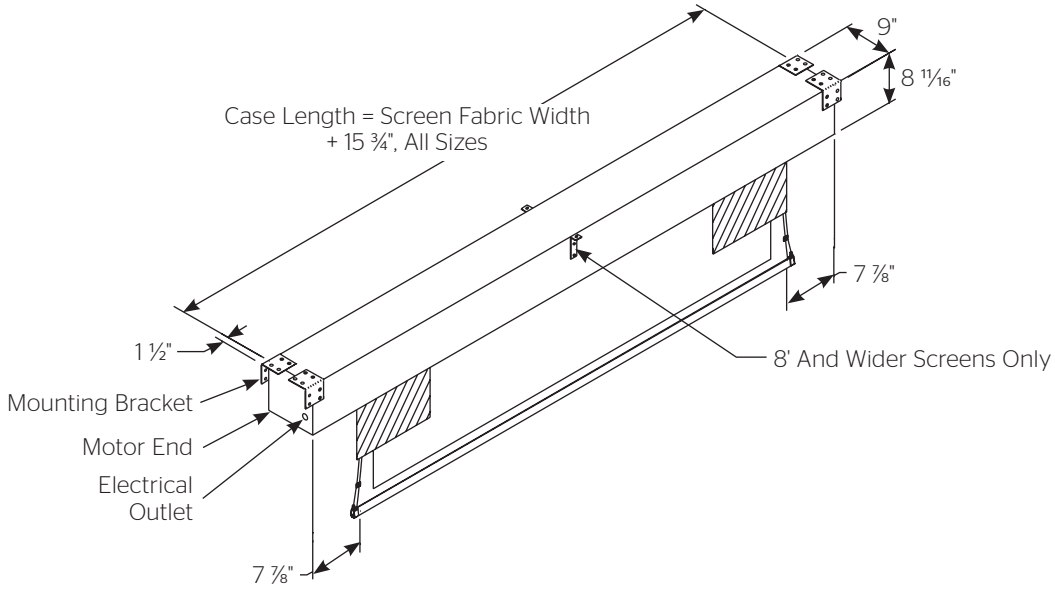
Offset mounting, recessed above ceiling. May be adapted for 1/4" paneling for ceiling.

METHOD D



Flush mounting, recessed above ceiling. For use with dropped ceiling. May also be adapted for use with acoustical or other ceiling 3/4" thick but cut to 1/4" thick under screen case and panel.

Tensioned Dual Masking Electrol® Instructions



Troubleshooting

Visit www.da-lite.com/products/tutorials.php to find installation and troubleshooting tutorials. You will also find a link to Live Chat for interactive support and you can contact us by email at info@da-lite.com or by phone at (800) 622-3737 or (574) 267-8101 with any troubleshooting questions.

Symptom	Cause	Solution
Screen will not operate. Motor does not hum.	Incorrect line voltage.	Verify 115-125V (or 220-240V). If insufficient voltage, rewire incoming electric line.
	Blown fuse.	Replace fuse.
	Tripped circuit breaker.	Reset circuit breaker.
	No power to operating switch or junction.	Check above. Tighten all loose wire connections. Correct any improper connections. "Down" Position Check for power across black and white leads. "Up" Position Check for power across red and white leads.
	Power at junction box Thermal overload tripped.	Let motor cool down for 15 minutes. Try again.
	Broken wire in the "down" or "up" position.	Check for continuity. Cut off old splice and reconnect.
	Defective motor, limit switch or capacitor.	Replace motor assembly. NOTE: Motor is a sealed assembly.
	Capacitor burned out..	Replace motor assembly.
Incorrect stopping position in downward direction.	"Down" limit switch out of adjustment	See installation instructions.
Incorrect stopping position in upward direction.	"Up" limit switch out of adjustment	Adjust "up" limit switch. See installation instructions
Noise. NOTE: Screen will operate with a low pitched hum.	Gear Noise.	Replace motor assembly.
Coasting.	Defective brake.	Replace motor assembly.

LIMITED ONE YEAR WARRANTY ON DA-LITE PRESENTATION PRODUCTS

Milestone AV Technologies LLC warrants certain Da-Lite branded products to the original purchaser only, to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original purchaser; provided they are properly operated according to Da-Lite's instructions and are not damaged due to improper handling or treatment after shipment from the factory.

This warranty does not apply to equipment showing evidence of misuse, abuse or accidental damage, or which has been tampered with or repaired by a person other than authorized Da-Lite personnel.

Da-Lite's sole obligation under this warranty shall be to repair or to replace (at Da-Lite's option) the defective part of the merchandise. Returns for service should be made to your Da-Lite dealer. If it is necessary for the dealer to return the screen or part to Da-Lite, transportation expenses to and from Da-Lite are payable by the purchaser and Da-Lite is not responsible for damage in shipment. To protect yourself against damage or loss in transit, insure the product and prepay all transportation expenses.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES AS TO FITNESS FOR USE AND MERCHANTABILITY. Any implied warranties of fitness for use, or merchantability, that may be mandated by statute or rule of law are limited to the one (1) year warranty period. This warranty gives you specific legal rights, and you may also have other rights, which vary from state-to-state. **TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, NO LIABILITY IS ASSUMED FOR EXPENSES OR DAMAGES RESULTING FROM INTERRUPTION IN OPERATION OF EQUIPMENT, OR FOR INCIDENTAL, DIRECT, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.**

In the event that there is a defect in materials or workmanship of a Da-Lite product, you may contact our Sales Partners at PO Box 137, Warsaw, IN 46581-0137, (574) 267-8101, (800) 622-3737.

IMPORTANT: THIS WARRANTY SHALL NOT BE VALID AND DA-LITE BRANDED PRODUCTS SHALL NOT BE BOUND BY THIS WARRANTY IF THE PRODUCT IS NOT OPERATED IN ACCORDANCE WITH THE DA-LITE WRITTEN INSTRUCTIONS.

Keep your sales receipt to prove the date of purchase and your original ownership.

DA-LITE®

A Milestone AV Technologies Brand

3100 North Detroit Street
Warsaw, Indiana 46582
P: 574.267.8101 or 800.622.3737
F: 574.267.7804 or 877.325.4832
E: info@da-lite.com
www.da-lite.com

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